

20. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:2.
21. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:3.
22. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:4.
23. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:5.
24. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:6.
25. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:7.
26. The polynucleotide of claim 18, wherein said polynucleotide encodes a protein consisting essentially of the amino acid sequence of SEQ ID NO:8.
27. A substantially pure polynucleotide consisting of a nucleotide sequence encoding a peptide consisting of an amino acid sequence derived from any one of: SEQ ID NO:1; SEQ ID NO:2; SEQ ID NO:3; SEQ ID NO:4; SEQ ID NO:5; SEQ ID NO:6; SEQ ID NO:7; or SEQ ID NO:8;
wherein said polynucleotide is at least ten amino acids in length and with the proviso that said amino acid sequence of said peptide is not the same as any contiguous 10-15 amino acids in the sequence LSGGQKQRIARAL.
28. The polynucleotide of claim 27, wherein said peptide is at least 15 amino acids in length.

29. The polynucleotide of claim 27, wherein said peptide is at least 20 amino acids in length.
30. A substantially pure polynucleotide consisting essentially of a polynucleotide sequence selected from the group consisting of: SEQ ID NO:9; SEQ ID NO:10; SEQ ID NO:11; SEQ ID NO:12; SEQ ID NO:13; SEQ ID NO:14; SEQ ID NO:15; and SEQ ID NO:16.
31. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:9.
32. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:10.
33. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:11.
34. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:12.
35. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:13.
36. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:14.
37. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:15.
38. The polynucleotide of claim 30, wherein said polynucleotide consists essentially of the nucleotide sequence of SEQ ID NO:16.

~~39.~~ ~~A vector comprising a distinct coding element consisting of the nucleotide sequence of the polynucleotide of any one of claims 19-29 or 31-38.~~

40. A host cell transformed with the vector of claim 39. --